

RD0530-ASGCO

PATENT APPLICATION

Serial No. 09/808,657

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ask? →
affixed to said blade holder, and a torsion spring coupled between said inner and outer collars for urging said blade toward the belt;

said mounting plates having at least one of a bushing in the hole thereof and a through hole in the shape of one of a circular hole, a slot and a "T"-shaped slot.

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11. (Amended) A belt scraper comprising:

a blade holder;

a mount adapted to position said blade holder transverse to a belt;

a blade mounted on said blade holder; and

a tensioner including an outer collar affixed to said mount and an inner collar affixed to said blade holder, and a torsion spring coupled between said inner and outer collars for urging said blade toward the belt,

wherein said tensioner further includes a housing member fixed with respect to said mount and extending proximate said inner and outer collars, and a clamp for releasably constraining the rotational position of said outer collar with respect to said housing member.

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29. (Amended) A belt scraper comprising:

a blade holder;

a scraper blade having a blade body, a blade tip on one end of said blade body and a pair of skirts extending from an end of said blade body opposite the blade tip, wherein said pair of skirts are flexible and define a blade cavity for receiving and engaging said blade holder;

wherein said scraper blade is mounted on said blade holder with said blade holder disposed in said blade cavity with said skirts releasably engaging said blade holder; and

a tensioner adapted for urging said scraper blade toward a belt,

wherein said tensioner includes a stationary member extending proximate said

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blade holder, a torsional spring coupled between said stationary member and said blade holder adapted for urging rotation of said scraper blade, and a clamp for releasably constraining the rotational position of one end of said torsional spring with respect to said stationary member, and

wherein said stationary member has a first slot and wherein said clamp includes a locking handle engaging said blade holder through the first slot of said stationary member.

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44. (Amended) The blade assembly of claim 39 wherein said blade holder comprises a second rod substantially parallel to and spaced apart from said rod, and a web joining said second rod and said rod.

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62. (Amended) The tensioner of claim 61 wherein a first end of said torsion spring is permanently fastened to said inner collar and a second end of said torsion spring is permanently fastened to said outer collar, whereby said torsion spring and said inner and outer collars are removable as a unitary member by moving said clamp through the further slot.

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69. (Amended) The tensioner of claim 58 wherein a first end of said torsion spring is permanently fastened to said inner collar and a second end of said torsion spring is permanently fastened to said outer collar, whereby said torsion spring and said inner and outer collars are removable as a unitary member.

REMARKS

Claims 1-89 are pending in the captioned Application in which claims 1-3, 6-8, 10, 19-23, 26-28 and 35-38 are rejected, in which objected to claims 9, 11-14, 17, 18, 29, 30 and 32-34 would be allowable if rewritten in independent form, and in which claims 4-5, 15-16, 24-25, 31 and 39-89 have been withdrawn by the Examiner under a restriction requirement.